

IN THE SPECIFICATION

Please amend the specification, page 4, lines 26-27 as follows:

~~Figure 1 is a diagram~~ Figures 1A and 1B are diagrams of a spread spectrum radio transmitting and receiving system that rejects narrow-band interference.

Please replace the paragraph at page 13, lines 10-16 with the following rewritten paragraph:

Alternately, band-limiting steps 1742 and 1712 are shown in Figure 17 that retain only the center  $1/K$  data points from both the code reference thread (blocks 1732, 1738, 1740, 1742, and 1756) and the desired signal input thread (blocks 1702, 1704, 1706, 1708, 1712, and 1718) in the frequency spectrum. This reduces the computational load on the DSP device by a factor of  $K$ .  $K$  is equal to 4 in the preferred embodiment of the present invention. One skilled in the art recognizes that  $K$  can take on the value of one, two, or more. This band-limiting step does not degrade the desired signal energy if the corresponding transmitter is similarly band-limited.